# UNITED STATES PATENT AND TRADEMARK OFFICE
## CERTIFICATE OF CORRECTION

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10

Line 20, delete " $G_m = B_m S_m{}^H (S_m \chi_m S_m{}^H + \sigma_n{}^2 I)^{-1}.$ "; insert -- $G_m = B_m S_m^H (S_m \chi_m S_m^H + \sigma_n^2 I)^{-1}$ --

Column 17

Line 20, delete " $\rho_{j,k}{}^2(i) = (s_k{}^H(i) s_j(i))^2$ "; insert -- $\rho_{j,k}^2(i) = \left( s_k^H(i) s_j(i) \right)^2$ --

Column 17

Line 28, delete " $b_i{}^2 = 1$ "; insert -- $b_i^2 = 1$ --

Column 17

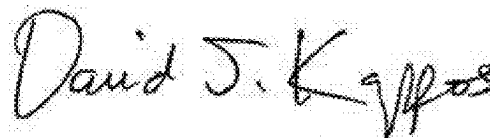Line 29, delete " $b_i{}^2 \neq 1$ "; insert -- $b_i^2 \neq 1$ --

Column 17

Line 40, delete " $\rho_{j,inactive}{}^2(i) = (s_{inactive}{}^H(i) s_j(i))^2$ "; insert -- $\rho_{j,inactive}^2(i) = \left( s_{inactive}^H(i) s_j(i) \right)^2$ --

Column 19

Line 10, delete " $G_m = B_m S_m{}^H (S_m \chi_m S_m{}^H + \sigma_n{}^2 I)^{-1}.$ "; insert -- $G_m = B_m S_m^H \left( S_m \chi_m S_m^H + \sigma_n^2 I \right)^{-1}$ --

Signed and Sealed this

Twenty-fifth Day of January, 2011

David J. Kappos

*Director of the United States Patent and Trademark Office*